

Santa Fe, New Mexico

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LAND OFFICE		
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WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE** If State Land submit 6 Copies

3 20 PM '64

AREA 640 ACRES
LOCATE WELL CORRECTLY

LEONARD NICHOLS
(Company or Operator)

ALTHE STATE

(Last)

Well No. 4 in SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 8, T. 17, R. 33, NMPM.
MALJANAR LEA County.

Well is **990** feet from **SOUTH** line and **2310** feet from **WEST** line
of Section **8** If State Land the Oil and Gas Lease No. is **12 00 1007**

of Section..... If State Land the Oil and Gas Lease Not **11.29.1963**
Drilling Commenced **11.15.1963**, 19..... Drilling was Completed....., 19.....

Name of Drilling Contractor.....

Name of Building _____
Address **ARTESIA, NEW YORK** _____

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 4234-44 to 4288-94 No. 4, from 4354-62 to 4408-94

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from ~~4129-14~~ 4122-14 to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from to feet.

No. 4, from.....to.....feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
5 5/8	24	NEW	512	REG		4254-44	
5 1/2	14	USED	4418	Halliburton		4208-94	
						4318-34	4354-02

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8 6/8	512	225	Halliburton		
7 7/8	5 1/2	4415	350	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

USED STRAPLE PACKERS SAND FRACKED WITH 20000 GALS REFINED OIL, 40000 LBS. SAND

Result of Production Stimulation..... **AFTER RECOVERING LOAD OIL, WELL PUMPED 32 BBL. IN 24 HOURS**

..Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1470	1470	GYP & RED BED				
1470	2300	1830	SALT				
2300	2620	1120	ANHYDRITE				
2620	3000	40	RED SAND				
3000	4010	360	ANHYDRITE				
4010	4224	216	LIME				
4224	4244	10	SAND OIL & GAS				
4244	4280	44	LIME				
4280	4294	6	SANDY LIME				
4294	4320	34	LIME				
4320	4334	6	SANDY LIME				
4334	4364	20	LIME				
4364	4382	8	SANDYLIME OIL & GAS				
4382	4410	56	LIME				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator.....
Name.....

Address.....
Position or Title.....

1-3-1964

(Date)